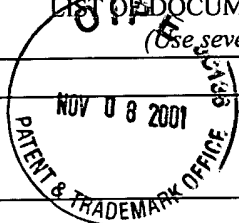
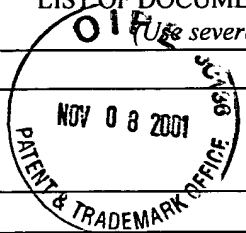


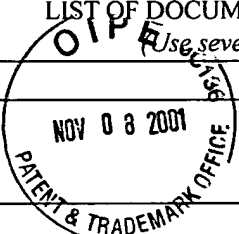
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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.  COS97087		SERIAL NO.  09/159,695	
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S): BARRY et al.			
				FILING DATE 09/24/98		GROUP 2756	
U.S. PATENT DOCUMENTS							
* EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
	4,160,129	07/1999	Peyser et al.				
	4,345,315	08/1982	Cadotte et al.				
	4,817,050	03/1989	Komatsu et al.				
	4,972,504	11/1990	Daniel Jr. et al.				
	5,041,972	08/1991	Frost				
	5,075,771	12/1991	Hashimoto				
	5,228,076	07/1993	Hopner et al.				
	5,245,533	09/1993	Marshall				
	5,285,494	02/1994	Sprecher et al.				
	5,315,093	05/1994	Stewart				
	5,327,486	07/1994	Wolff et al.				
	5,369,571	11/1994	Metts				
	5,490,060	02/1996	Malec et al.				
	5,526,257	06/1996	Ierner				
	5,537,611	07/1996	Ragopal et al.				
	5,557,025	08/1996	O'Reilly et al.				
	5,563,805	10/1996	Arbuckle et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 0 805 187 A2	05/1997	Europe				
	WO 97/23988	07/1997	PCT				
	WO 98/15472	05/1998	PCT				
	WO 99/01826	01/1999	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Biggs, M., "Help for the Web enhances customer support, reduces help desk load" <i>Inforworld</i> , June 16, 1997, v. 19, no. 24, pp. 82+							
Burch, B., "AT&T, MCI to release new management tools", <i>Network World</i> , January 17, 1994, p. 19							
Low, C., "Integrating Communication Services", <i>IEEE Communication Magazine</i> , June 1997, pp. 164-169							
"McAfee's New 'Self-Service' Help Desk Web Suite Makes PCs Help Desk-Ready", Newswire Association Inc., Oct. 13, 1997							
Niemeier, R., "Using Web Technologies in Two MLS Environments: A Security Analysis." <i>IEEE</i> , pp. 205-214, 1997							
Porter, T., "MCI offers tracking system: Direct Dispatch lets users eye problems remotely", <i>Service News</i> , April 1994, p. 17							
EXAMINER				DATE CONSIDERED			
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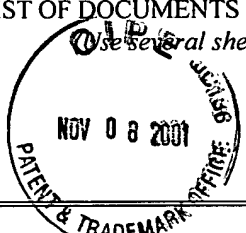
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				U.S. PATENT DOCUMENTS			
* EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
	5,610,915	03/1997	Elliott et al.				
	5,699,528	12/1997	Hogan				
	5,774,660	06/1998	Brendel et al.				
	5,787,412	07/1998	Bosch et al.				
	5,790,809	08/1998	Holmes				
	5,812,533	09/1998	Cox et al.				
	5,825,769	10/1998	O'Reilly et al.				
	5,848,396	12/1998	Gerace				
	5,870,558	02/1999	Branton, Jr. et al.				
	5,877,759	03/1999	Bauer				
	5,884,032	03/1999	Bateman et al.				
	5,907,681	05/1999	Bates et al.				
	5,909,679	06/1999	Hall				
	5,909,682	06/1999	Cowan et al.				
	5,915,001	06/1999	Uppaluru				
	5,920,542	07/1999	Henderson				
	5,923,016	07/1999	Fredregill et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Shklar, L., et al., "MetaMagic: Generating Virtual Web Sites Through Data Modeling," <a href="http://www.scope.com/Info/www6/posters/714/poster714.html">http://www.scope.com/Info/www6/posters/714/poster714.html</a>						
	Vizard, M. et al., "MCI to Pilot Convergence Billing Service", <i>InfoWorld</i> , v. 18, Issue 37, September 9, 1996						
	Yager, T., "Mixed Messages", <i>UNIX Review</i> , v. 16, n. 2, p. 29, Feb. 1998						
	"Carriers Improve Net Management Services", <i>Communications Week</i> , May 2, 1994, p. 74						
	"Network management; new software platform enhances network management capabilities; MCI ServiceView offers greater cost savings, increased flexibility.", Product Announcement, <i>Edge</i> , October 2, 1995, on & about AT&T, v. 10, n. 375, p. 11(1)						
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				U.S. PATENT DOCUMENTS			
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	5,930,764	07/1999	Melchione et al.				
	5,930,804	07/1999	Yu et al.				
	5,958,016	09/1999	Chang et al.				
	5,961,602	10/1999	Thompson et al.				
	5,963,925	10/1999	Kolling et al.				
	5,966,695	10/1999	Melchione et al.				
	5,970,467	10/1999	Alavi				
	5,974,396	10/1999	Anderson et al.				
	5,982,864	12/2000	Jagadish et al.				
	5,982,891	11/1999	Ginter et al.				
	5,991,733	11/1999	Aleia et al.				
	5,991,806	11/1999	McHann Jr				
	5,999,973	12/1999	Glitho et al.				
	6,011,844	01/2000	Uppaluru et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
"New software platform enhances network management capabilities...", <i>Business Wire</i> , September 28, 1995 p. 9281122							
"User's Guide: Microsoft Access", Microsoft Corporation, 1994, pp. 378,594,599, 630-632 (13)							
Jainschigg, J. "Billing confirmed: this easy-to-use box turns guest calls into revenue." <i>Teleconnect</i> , vol. 12, no. 9, p. 39(4)							
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	6,014,647	01/2000	Nizzari et al.				
	6,023,762	02/2000	Dean et al.				
	6,031,904	02/2000	An et al.				
	6,032,132	02/2000	Nelson				
	6,032,184	02/2000	Cogger et al.				
	6,041,325	03/2000	Shah et al.				
	6,044,144	03/2000	Becker et al.				
	6,049,602	04/2000	Foladare et al.				
	6,049,789	04/2000	Smorodinsky				
	6,058,381	05/2000	Nelson				
	6,064,667	05/2000	Gisby et al.				
	6,065,059	05/2000	Shieh et al.				
	6,073,105	06/2000	Sutcliffe et al.				
	6,073,241	06/2000	Rosenberg et al.				
	6,078,891	06/2000	Riordan et al.				
	6,078,924	06/2000	Ainsbury et al.				
	6,085,171	07/2000	Leonard				
<b>FOREIGN PATENT DOCUMENTS</b>							
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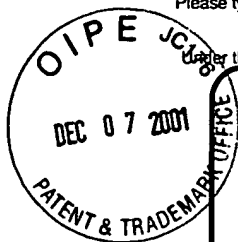
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Sheet 1 of 1

<b>Application Number</b>	09/159,695
<b>Filing Date</b>	September 24, 1998
<b>First Named Inventor</b>	BARRY et al.
<b>Group Art Unit</b>	2152
<b>Examiner Name</b>	B. Jaroenchonwanit
<b>Attorney Docket Number</b>	COS-97-087

[illegible][illegible]

B. R. [Signature]

3/18/02

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